

March 15, 1984

Inspection Memo
to Coal File:

Re: Co-op Mining Company
Bear Creek Canyon Mine
ACT/015/025, Folder #7
Emery County, Utah

DATE: February 16, 1984
TIME: 2:30 p.m. - 5:00 p.m.
WEATHER: overcast and cold
COMPANY OFFICIALS: Wendell Owen, Office; Mel Coonrod, Field
STATE OFFICIALS: Ken Wyatt
ENFORCEMENT ACTION: None

Compliance With Permanent Performance Standards

UMC 771 et al Permits

Applicable permits and letters of approval available at the mine office included:

1. Final approval for the Bear Creek Canyon portals from Jim Smith dated March 20, 1981.
2. The scale house modification final approval from Jim Smith dated October 12, 1983.
3. A prime farm land investigation letter from Ferris Allgood, State Soil Scientist for the SCS. In this letter the statement was made to the effect that no prime farm land exists within the Bear Creek Canyon Mine area.

UMC 817.11 Signs and Markers

The mine identification signs and perimeter markers were posted as required.

UMC 817.21.23 Topsoil

Topsoil stockpiles that were consolidated into one pile as approved in August 1983 were still adequately protected and posted with a topsoil sign.

UMC 817.41-.52 Hydrologic Balance

At the time of this inspection the disturbed area drainage system was adequately functioning as designed. The upper material storage pad was showing signs of some ponding on the south end. Mr. Coonrod indicated that this area was not to final grade. Drainage from the disturbed area in the vicinity of the crusher pad and along the southwest corner of the coal stockpile pad was flowing in the ditches as designed. Some drainage on the coal pad adjacent to the stoker loadout was entering into the concrete conveyor line which empties onto the main mine access road. This drainage would be retained within the disturbed area drainage system, so no problems were created from this.

The sediment pond influent ditch was intact. The sediment pond was holding water at this time and no discharge was occurring. The small catch basin adjacent to the scale house facility was also holding water.

UMC 817.52 Surface and Groundwater Monitoring

Surface and ground water monitoring data were available for the previous three months. These data are presented in the table below:

TABLE I

BEAR CREEK CANYON MINE

SURFACE WATER MONITORING

DATE	SITE*	FLOW	TEMP ^{OC}	pH	TSS **	Fe **	Mn **
11-29-83	UB	172	3	8.3	686	0.12	.01
	LB	40	0	8.3	512	0.86	0.13
	UB	1.2	N/A	8.1	553.0	1.17	.20
12-29-84	LB	N/A	0	8.1	500	1.33	.21
	UB	N/A	2	7.8	4928	6.57	1.19
1-25-84	LB	NA	2	8.1	4020	4.41	0.94

* UB: Upper Bear Creek
LB: Lower Bear Creek

** All values are milligrams per liter unless otherwise indicated.

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UMC 817.150-.176 Roads

The August Board hearing ordered that Co-op upgrade the existing haul road to comply with Division requirements within 90 days from that order. The 90 day period began on November 15, 1983 at which time an extension was requested by Co-op due to winter conditions at the mine site. According to Barbara Roberts of the Attorney Generals Office this extension was granted until May of 1984.

Ken Wyatt 
Field Specialist

cc: Tom Emmett, OSM
Wendell Owen, Co-op Mining Company
Joe Helfrich, DOGM
Mary Boucek, DOGM

Statistics: See UP & L's Deer Creek Mine memo dated March 15, 1984
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